

4) $(-2, 0)$

5) $(4, -1)$

6) $(2, -1)$

7) $(6, 6)$

8) $(1, 7/2)$

9) $(3, 4)$

10) 120 single scoop cones and 130 double scoop cones

① Graphing

* in $y =$ form

- whole #'s

- word probs.

* whenever y has a coeff. of 1

Ex: $2x + y = 8$

~~2~~ $3x - y = 10$

② Substitution

* when one of the variables is
"by itself" (coeff. of 1)

Ex: $3x + y = 8$

$$-2x + 4y = 10$$

③ Elimination

- already have opp. coefficients on one of variables

$$\begin{array}{r} \text{Ex: } 5x - 3y = 8 \\ \quad 2x + 3y = 12 \end{array}$$

- when coeff. are multiples of each other \Rightarrow only multiplying one eqn.

$$\begin{array}{r} \text{Ex: } 3x + 2y = 6 \\ \quad -6x + 3y = 6 \end{array}$$

Worksheet- best method with systems:

2) $(7/9, 13/9)$

4) $(2, -3)$

6) $(3, -10)$

8) $(-3, -6)$

10) $(3.3333, 11.33333)$

12) $(0, -1)$